



DSC-HX5V

10.2 MP | 10x OPTICAL ZOOM | 3.0" LCD¹

The DSC-HX5V has a powerful 10x optical zoom (25mm equivalent) wide angle G lens capable of capturing 1920x1080i AVCHD movie. The camera's "Exmor R" CMOS sensor allows users to capture stunning low-light images and sweeping panoramic views of up to 270-degrees in iSweep Panorama mode. Capture the best shot in fast action with up to 10 frames per seconds shooting at full 10.2MP resolution.



Take clearer photos with less grain in low-light conditions

The DSC-HX5V features a 10.2 megapixel, back-illuminated "Exmor R" CMOS image sensor. This advanced technology leverages the full resolving power of the wide-angle G lens, plus gives the camera stunning low-light sensitivity for capturing extraordinarily clear images with drastically reduced grain. Working together, the BIONZ[®] image processor and "Exmor R" CMOS sensor also enable the camera's extremely fast 10fps, Anti Motion Blur, Hand-held Twilight and 1080i movie modes.⁷

Capture breathtaking panoramic shots

Intelligent Sweep Panorama mode lets capture stunningly expansive shots with ease. Simply press the shutter button and sweep the camera horizontally or vertically over your desired scene. The camera shoots continuously at a high speed, automatically adjusts the position of each image, then seamlessly stitches them up to 100 pictures into one panoramic photo. This model even detects faces and moving objects, intelligently stitching subjects of different widths together to minimize distortion. Available in standard and wide options, this feature lets you take panoramic shots up to an amazing 270 degrees.

Be sure to catch all those once-in-a lifetime moments

The DSC-HX5V can capture up to ten full 10.2 megapixel resolution images per second. So now you can be sure to capture the bat hitting the game-winning homerun, the lead runner crossing the finish line, and other decisive moments. The camera also uses a mechanical shutter to help reduce distortion when continuously shooting moving subjects.

AVCHD for TV: 1920x1080/60i

Ideal for playback on HDTV, the AVCHD format captures a high degree of detail and smooth movement. Record AVCHD movies up to 1920 x 1080 at 60i⁹. Video clips can be played back directly from the camera, or can be transferred to DVD or Blu-ray Disc[™] media. They can then be played back on HDTV's via compatible Blu-ray Disc[™] players, PlayStation^{®3} consoles and compatible PCs.¹⁰

Enjoy smoother movies

Optical SteadyShot[™] image stabilization with Active Mode gives you the freedom to shoot movies even while on the move. By providing up to 10x the correction of standard mode, Active Mode compensates for excessive camera shake so you can move along with your subject while shooting to bring you smoother looking movies.

Professional-quality G Lens

Used in top-of-the-line digital single lens reflex (DSLR) cameras, the G lenses on the DSC-HX5V offers a 10x optical zoom (25mm equivalent) wide-angle lens to capture the action up close or more of the scene in landscape or group portraits in tight spots.

Pinpoint the exact location of every shot you take

An integrated GPS receiver and compass record the location and direction of every shot you take. The receiver also automatically adjusts the camera's time zone setting, which is very convenient when traveling. Once uploaded to compatible PC you can use supplied PMB software or web application, like Google Earth[™] mapping service. Now you can relive your adventures in a whole new way!⁴

Additional features:

- TransferJet[™] technology allows easy wireless sharing¹¹
- Enjoy easy connectivity via HDMI¹⁰
- Anti Motion Blur and Hand-held Twilight modes reduce grain and blur
- Card slot for optional Memory Stick Duo[™] and SD/SDHC media¹³
- Includes PMB (Picture Motion Browser)² and PMB Portable Software³

Specifications

General	
Camera Type	High Zoom in compact body
Image Device	1/2.4"(7.59mm)*Exmor R® CMOS
Effective Pixels Resolution	10.2MP
Processor	BIONZ®
Optics & Lens	
Lens Type	G Lens
Lens Construction	10 elements in 7 groups (including 4 aspheric elements)
Aperture Range	iAUTO(F3.5/F8.0(W), 2 steps with ND Filter) / Program Auto(F3.5/F8.0(W), 2 steps with ND Filter)/Manual(F3.5/F8.0(W), 2 steps with ND Filter)
Focal Length	4.25-42.5mm
35mm Equivalency	Still shots: 25-250mm / Movie 16:9: 30-300mm / Movie 4:3 :36-360mm
Optical Zoom	10x
Digital Zoom	Smart Zoom / Precision Digital Zoom / Off
Total Zoom	Approximately 20x with Precision Digital Zoom
LCD & Viewfinder	
LCD Type	3.0" Clear Photo™ LCD¹ (230K)
Viewfinder	-
Recording	
Media Slot	MS PRO Duo™ media / SD/SDHC media¹³
Still Images	10M (3,648 x 2,736) / 5M (2,592 x 1,944) / VGA (640 x 480); 16:9 / 7M (3,648 x 2,056) / 2M(1,920 x1,080); Panorama 7,152 x 1,080(270deg) / 4,912 x 1,080(185deg) / 4,912 x 1,920(185deg) / 3,424 x 1,920(129deg)
Video	AVCHD: 1920 x 1080 (59.94i, Interlace) (Approx.17Mbps) / 1440 x 1080 (59.94i, Interlace) (Approx.9Mbps) MP4: 1440 x1080 (29.97fps, Progressive) (Approx.12Mbps) / 1440 x 1080 (29.97fps, Progressive) (Approx.6Mbps) / VGA (640 x 480) (29.97fps, Progressive) (Approx.3Mbps)
Microphone / Speaker	Stereo / Mono
Focus	
Focus	9 points AF / Center Weighted AF / Spot AF
Intelligent Auto Focus	Yes
Macro Mode	iAUTO(W:Approx.5cm (1.96") to Infinity, T:Approx.100cm (39.4") to Infinity)
Exposure	
Exposure Metering	Multi Pattern / Center Weighted / Spot
Exposure Compensation	Plus / Minus 2.0EV, 1 / 3EV step
ISO	Auto / 125 / 200 / 400 / 800 / 1600 / 3200
Backlight Correction HDR	Yes
Dynamic Range Optimizer	Standard
White Balance	Auto / Daylight / Cloudy / Fluorescent 1 (White Fluorescent Lighting) / Fluorescent 2 (Natural White Fluorescent Lighting) / Fluorescent 3 (Day White Fluorescent Lighting) / Incandescent/ Flash / One Push
Shutter	
Shutter Speed	iAUTO(2" - 1/1,600) / Program Auto(1" - 1/1,600)/ Manual(30"~1/1600)
Burst Mode	Normal / Hi-Speed Burst(High/Mid/Low) (Approx. 10fps at 10.2MP (Maximum 10 shots)) / Bracketing
Flash	
Flash Type	Built-In
Flash Effective Range	ISO Auto: Approx.0.05 - Approx. 3.8m (Approx.0.164'-Approx.12.5')(W) / Approx.1.0 Approx.2.6m(Approx.3.281'-Approx.8.53')(T), ISO3200: up to Approx.7.6m(Approx24.9')(W) / Approx.5.2m(Approx17.1')(T)
Flash Mode	Auto / On / Slow Syncro / Off

Features	
Scene Modes	High Sensitivity / Twilight / Twilight Portrait / Soft Snap / Landscape / Beach / Snow / Fireworks / Advanced Sports / Gourmet / Pet
Image Stabilization	Optical SteadyShot™ / Optical SteadyShot with Active Mode
GPS	Embedded GPS with Compass
Panorama	Intelligent Sweep Panorama (Horizontal / Vertical up to 270-degrees)
Multi-shot layering	Handheld Twilight / Anti-motion Blur / Backlight Correction HDR
Intelligent Auto	Yes
Intelligent Scene Recognition	8 scenes
Face Detection	8 faces (Auto / Off / Child Priority / Adult Priority)
Motion Detection	Yes
Blink Detection	Yes
Smile Shutter™ Technology	Yes
Self-timer	Off / 10sec. / 2sec./ portrait1 / portrait2
In-Camera Editing	Trimming / Red Eye Correction / Unsharp Masking
TransferJet™ Technology	Yes
Inputs & Outputs	
USB	Yes - USB2.0 Hi-Speed
HD Video	HDMI / Component(1080i)
HD Video	Yes
Power	
Supplied Battery	InfoLITHIUM® NP-BG1 3.6V
Battery Life (Approx.)	155
Number of Images (Approx.)	310
Weights & Measurements	
Dimensions (Approx.)	4 1/8" x 2 3/8" x 3/16" (102.9mm x 57.7mm x 28.9mm)
Weights (Approx.)	Approx. 6.0oz. (170g) body only; Approx. 7.1oz. (200g) - With battery and Memory Stick PRO Duo media.
Software	
Supplied Software	Picture Motion Browser Ver 5.0, PMB Portable 5.0 (for Windows)², PMB Portable 1.1(for Macintosh)
Operating System Requirements	PMB and PMB Portable: Microsoft Windows XP SP3, Windows Vista SP2, Windows 7. PMB Portable also compatible with Macintosh OS X(v10.4 - 10.6).
Service & Warranty	
Limited Term Warranty	Limited 1 Year Parts & Labor
Supplied Accessories	
Battery	InfoLITHIUM® NP-BG1
Battery Charger	BC-CSN
A/V Cable	-
USB Cable	Yes
Multi-Connector Cable (A/V / USB)	Yes
Wrist Strap	Yes
Lens Cap Tether	-
Paint Pen	-
CD ROM	Yes
Footnotes	
1. Viewable area measured diagonally	
2. PMB requires Microsoft® Windows® XP SP3/ Windows Vista® SP2/Windows 7. Picture Motion Browser software not supported by Mac OS. Movie format is compatible with iMovie® '09 or later versions.	
3. PMB Portable is pre-loaded. PMB Portable requires USB cable (included) and PC with internet connectivity. Windows® XP SP3 64-bit and Starter Edition and Windows Vista® Starter Edition environments not supported.	
4. By using Picture Motion Browser software, a PC and a broadband Internet connection, your photos and videos can be shown on an online map service. The online map service is currently provided courtesy of Google, and is subject to change or termination without notice. Map detail is limited in some areas.	
9. HD Movie mode records up to 1280x720p, at 30 fps, and 9Mbps.	
10. HDTV and proprietary Component cable (sold separately) or HDMI™ full-to-mini cable (sold separately) required for HD viewing.	
11. TransferJet™ technology and TransferJet-enabled media (sold separately) required in both devices. Interoperability and compatibility among TransferJet™ enabled devices may vary.	
13. When using movie mode Memory Stick PRO Duo™ with MARK2 (M2) logo, Memory Stick PRO-HG™, or SD/SDHC (Class 4 or higher) media are recommended.	



3.0" LCD¹